



ALGEBRA

Global Business Platform for OMSC

Revolutionizing Business Partnerships with Blockchain and ERP

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The Next BIG Thing

ALGEBRA

A platform based on blockchain ensures trust in partnerships, which is particularly important in Islamic finance environments.

Trust comes from the UAE



Partnership Challenges

- Partnerships thrive on shared goals, resources, and trust.
- Challenges in unequal partnerships:
 - Imbalanced decision-making
 - Unequal effort or profit sharing
 - Lack of trust and communication



Building Trust in Business Partnerships

Trust is essential for successful partnerships, ensuring transparency and collaboration.

OMSC integrates decentralized blockchain with centralized ERP systems.

Combines transparency, automation, and efficiency for modern business models.



Ethical Business Collaboration

Mission

Empower global Islamic communities with a Sharia-compliant, blockchain-based platform fostering trust and efficiency.

Vision

Lead global business collaboration from the UAE, connecting 1.9 billion Muslims and ethical businesses.

Promotes

UAE as the strategic business center of the Islamic world.



Automating Trust with Blockchain Smart Contracts and DAOs

Smart Contracts: Self-executing agreements on blockchain, automating processes like payments.

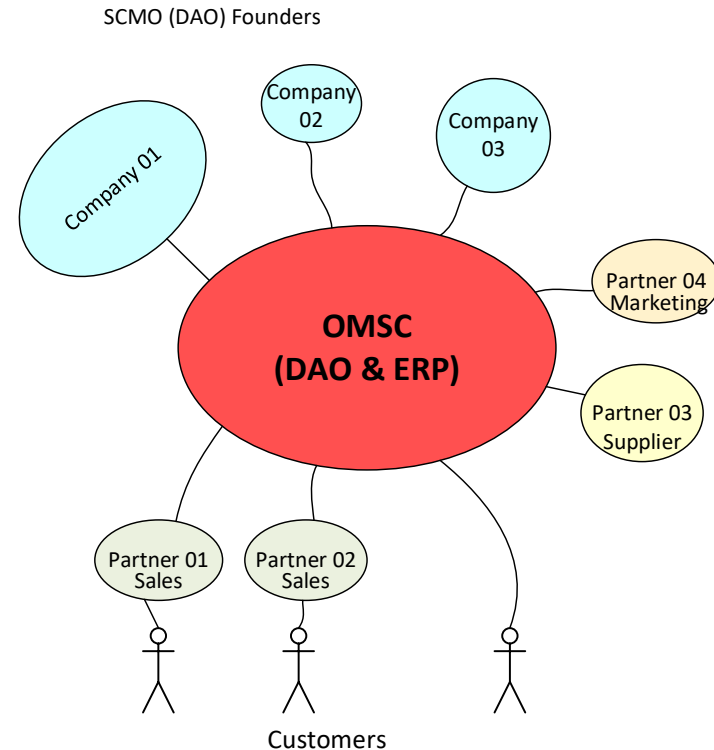
DAOs: Decentralized organizations governed by smart contracts and community votes.

ERP: Maps the business model

What is OMSC?

Organizations Managed by Smart Contracts (OMSC)

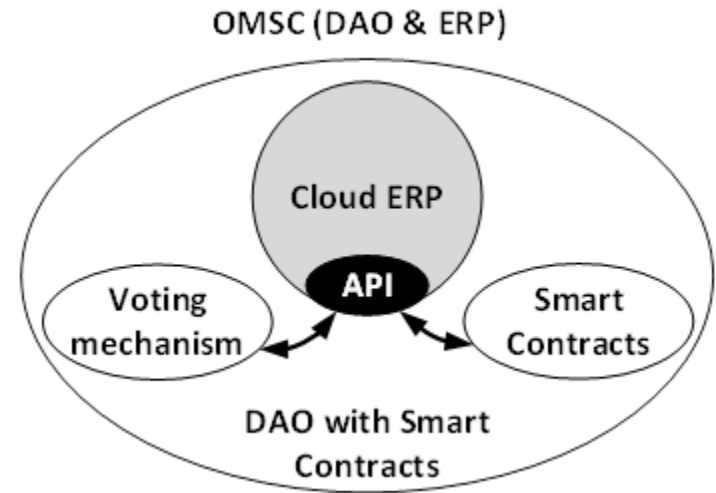
- Combines blockchain's transparency with ERP's efficiency.
- Ideal for partnerships with limited trust or unfamiliar partners.
- Automates profit distribution and enforces agreements via smart contracts.
- Example: Three companies found joint venture via a DAO-integrated with ERP.



What is OMSC?

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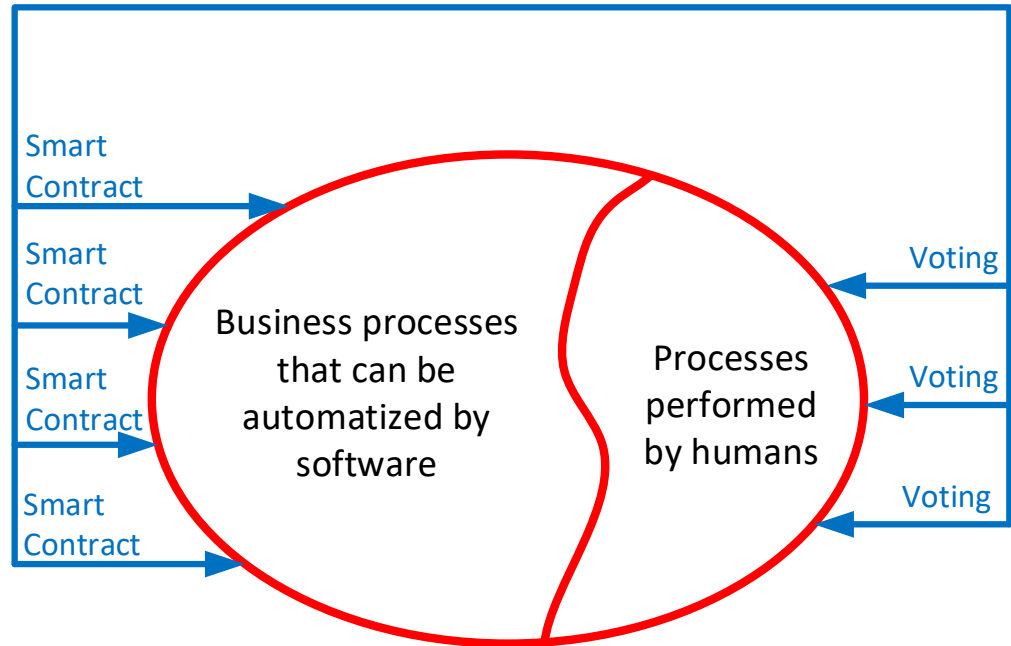
- Business partnership in which partner relations are defined using blockchain technologies: smart contracts and DAOs (Decentralized Autonomous Organizations) for decision-making through voting.
- In technical terms, it is a synergy between decentralized blockchain and a centralized cloud-based ERP information system.



How OMSC Works?

- **ERP System:** Manages operations (finance, supply chain) in the cloud.
- **Blockchain Layer:** Handles smart contracts and decentralized voting.
- **Integration:** APIs and oracles connect ERP with blockchain.
- Automates processes and ensures compliance.

Blockchain





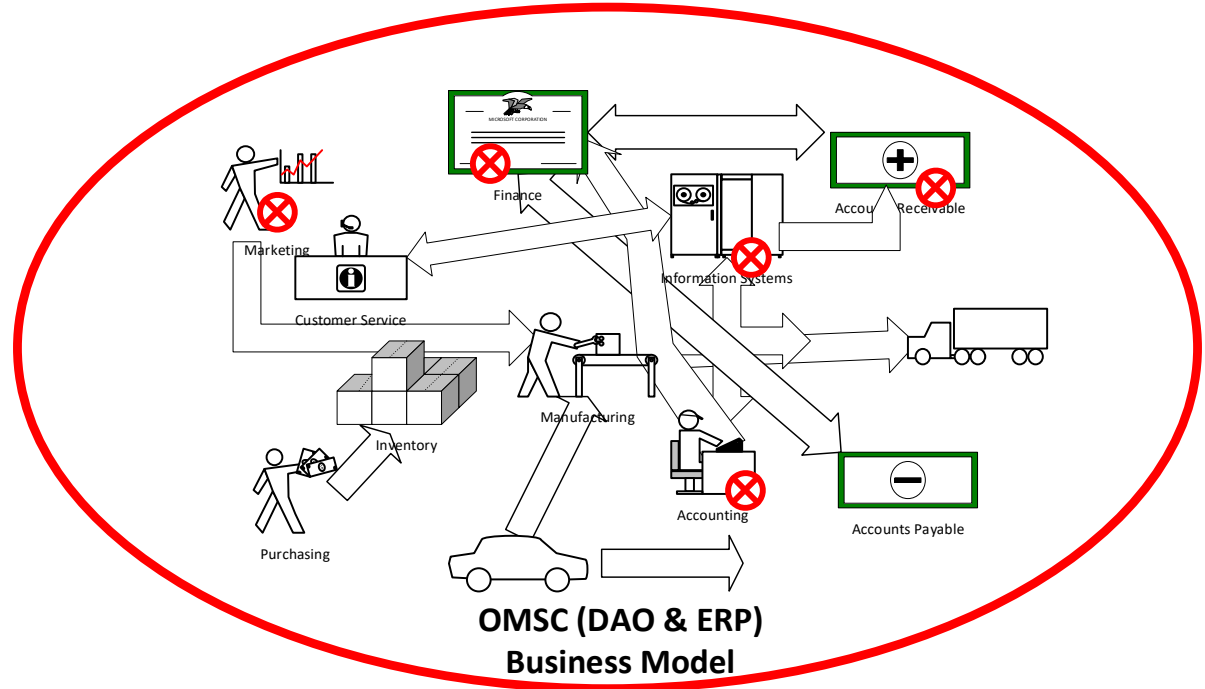
OMSC Workflow

- ERP handles routine operations (e.g., invoicing, inventory).
- Blockchain automates critical processes (e.g., profit distribution).
- Stakeholders vote at key decision points, with flexible participation options.
- AI could enhance decision-making in the future.

Smart Contracts Automation

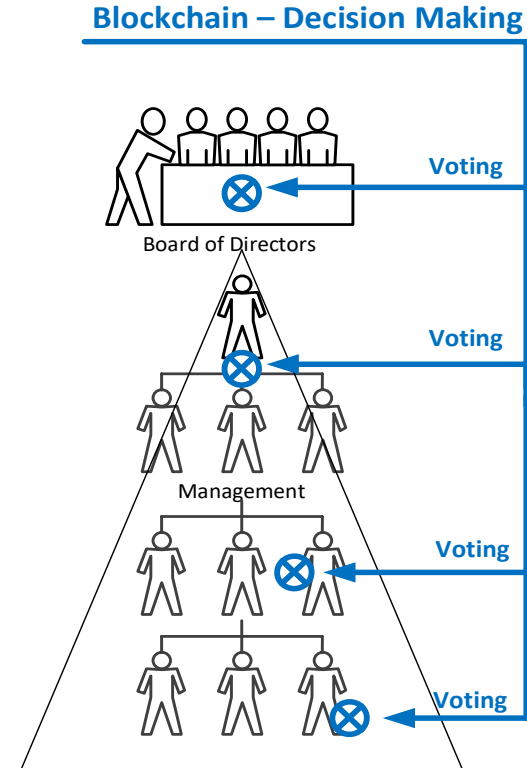
Smart contracts are integrated at specific junctures in the business model, termed **Points of Smart Contract Automation**, where they connect the blockchain with the ERP system.

Points of Smart Contracts Automation



Blockchain Decision Making

- Some processes require human intervention.
- Non-critical tasks may be handled by regular employees, while critical decisions are reserved for stakeholders.
- In cases involving multiple stakeholders, a voting mechanism, similar to traditional DAO, is employed.
- Decision-making occurs at predefined **Points of Decision Making** within the management hierarchy, allowing stakeholders to influence operations



A vertical image on the left side of the slide. It features a glowing lightbulb with several interlocking gears inside it. The background is a network of yellow lines and dots, suggesting a digital or blockchain network. The overall color scheme is orange and yellow.

Why OMSC?

- Enhanced transparency with blockchain records.
- Equitable partnerships via decentralized voting.
- Immediate profit distribution through smart contracts.
- Reduced intermediaries, lowering costs.
- Simplified audits and regulatory compliance.



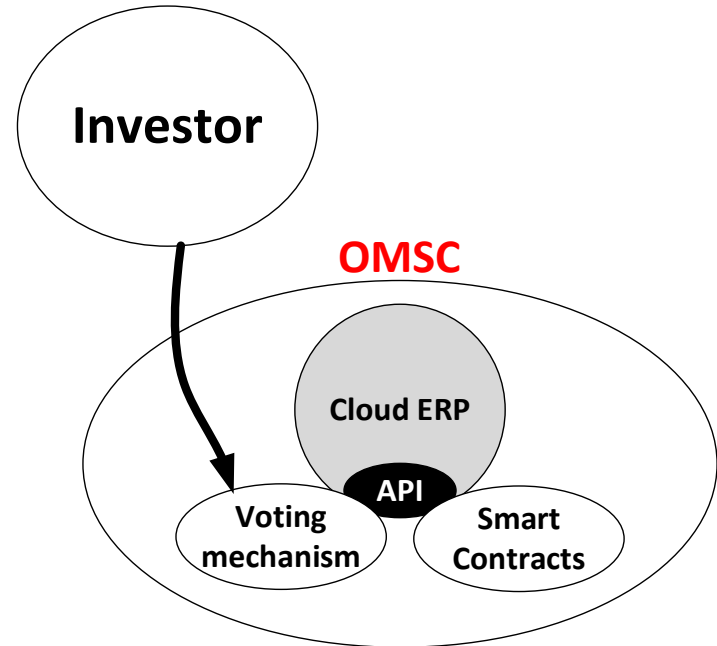
Diverse Applications of OMSC

- Joint Sales
- Managing Distributor Relationships
- Assembled Company
- Framework for Startups Investment and Governance
- Joint Business Ventures Between Small and Large Firms
- Online Advertising Networks
- Organizing Small Retailers and Suppliers for Cost Reduction and Efficiency
- Franchises,
- Agent-Based Sales
- Equipment Leasing and Resource Sharing
- Charitable Activities
- Renting Pre-Configured OMSCs for Standardized Business Models
- Multi-Level Marketing
- Platform for Business Simulation
- Market Expansion Without Ownership Dilution
- Insurance Funds
- Savings Institutions
- And many others...

High-Risk Ventures

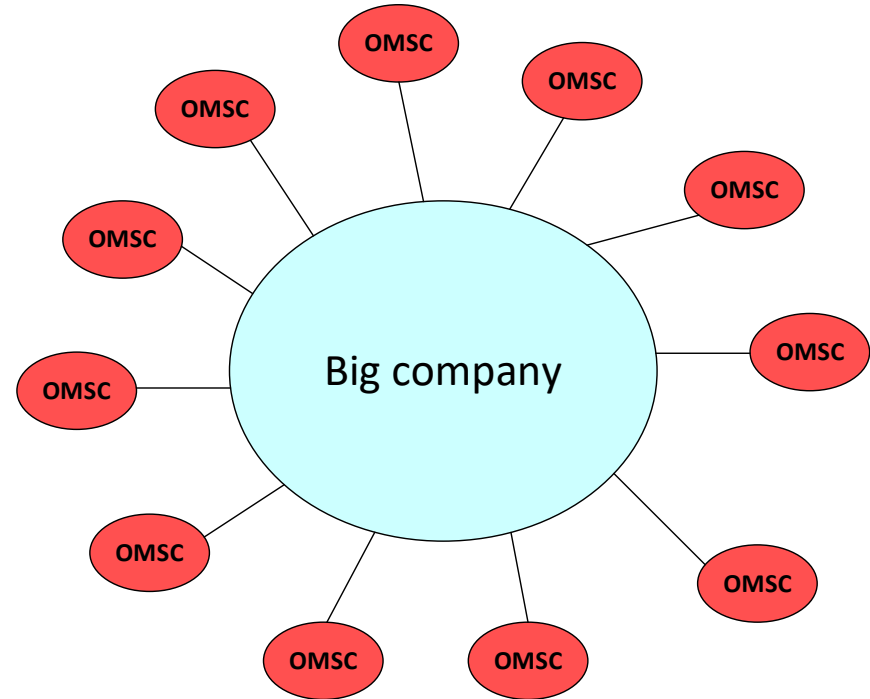
Risk Management for Investors:

Investors may be more willing to participate in high-risk ventures if they can exert strict control through an OMSC's voting mechanisms and predefined decision points.



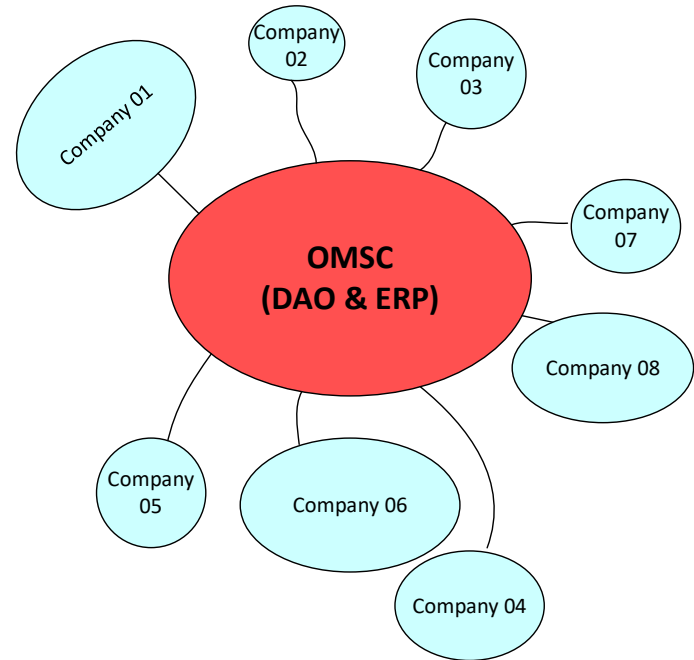
The big and small

Large corporations can engage in multiple OMSCs, enabling them to share in the profits of smaller companies while providing resources, infrastructure and market access to those partners.



Strategic Alliances

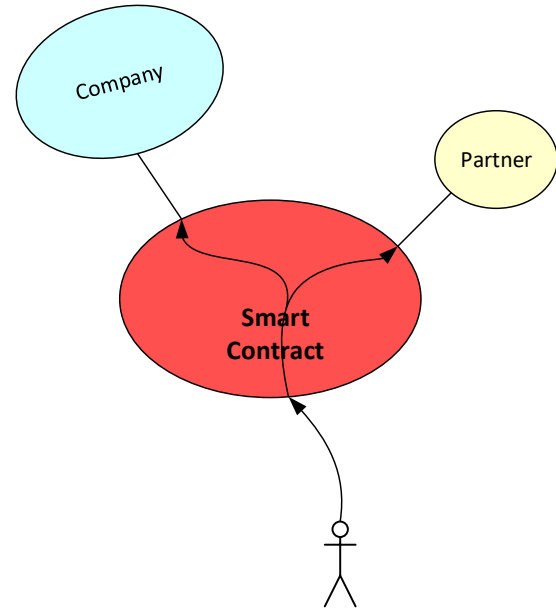
Strategic Alliances: In some special situations competing firms can form alliances for joint ventures, using OMSCs to establish transparent, mutually acceptable rules for operations.



Simplicity

Simple Business Models:

A common model facilitates immediate income sharing after each transaction based on predefined agreements.





OMSC and Sharia-Compliant Finance

Aligns with Sharia principles: no riba, risk-sharing, transparency.

Automates profit-sharing (Mudarabah, Musharakah) and asset-backed contracts (Murabaha, Ijara).

Supports Takaful, Sukuk, and Waqf with transparent governance.

Example: Automated profit distribution for halal investments.

A conceptual image on the left side of the slide. It features a glowing lightbulb with several interlocking gears inside it. The background is a network of yellow lines and dots, suggesting a digital or blockchain network. The overall color scheme is orange and yellow.

ALGEBRA Platform

- Dedicated OMSC hub, seamlessly blending the decentralized, transparent nature of blockchain technology with the structured, data-driven capabilities of centralized cloud-based ERP and accounting systems.
- Hybrid platform that empowers stakeholders to design and deploy customized business models with unparalleled flexibility, efficiency.



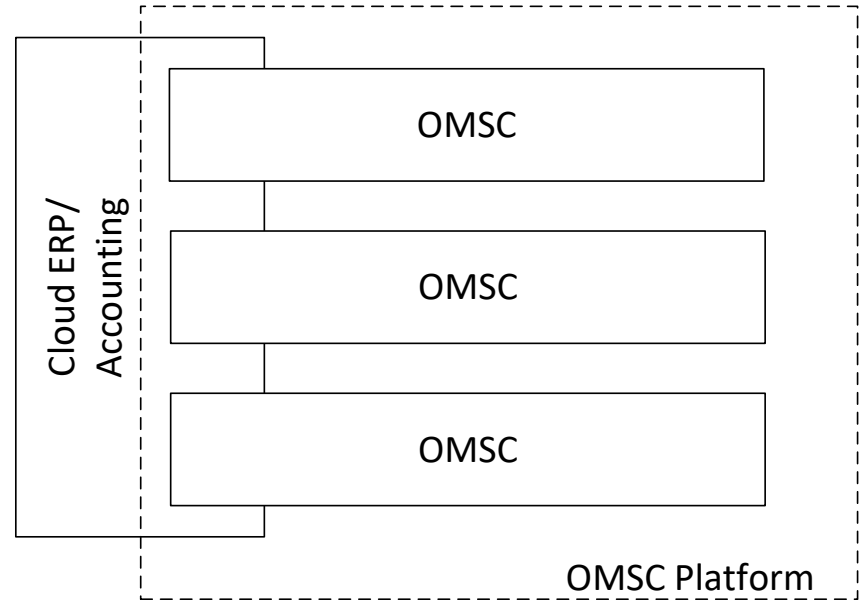
ALGEBRA Platform

- The OMSC platform is engineered to support multiple independent OMSCs concurrently, enabling diverse business models to operate within a unified ecosystem.
- Integrates seamlessly with one or more cloud-based ERP and accounting systems through robust, scalable APIs.
- The APIs are designed to handle the complexity of managing multiple OMSCs simultaneously, ensuring real-time data synchronization, streamlined workflows, and accurate financial tracking across all operations.

ALGEBRA Platform

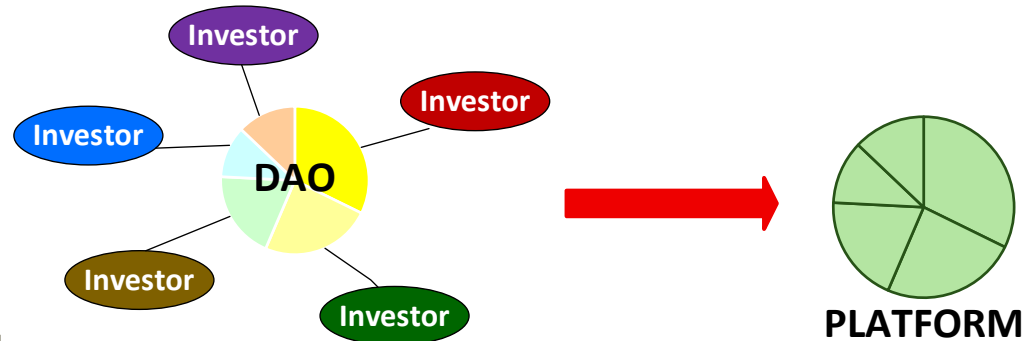
During the setup phase, stakeholders collaboratively define critical components of the OMSC, including:

- Business Model Configuration
- Points of Decision-Making
- Smart Contracts
- Voting Rules



Building ALGEBRA Platform

- **Phase 1:** Feasibility study, select ERP (e.g., Odoo) and blockchain (e.g., Hedera).
- **Phase 2:** Engage investors via DAO, including banks and business angels.
- **Phase 3:** Develop software and install the platform.
- **Phase 4:** Launch pilot projects (e.g., e-book store, advertising network).



A group of investors establishes a DAO (Decentralized Autonomous Organization) on a chosen blockchain, and that DAO then funds the development of the platform.

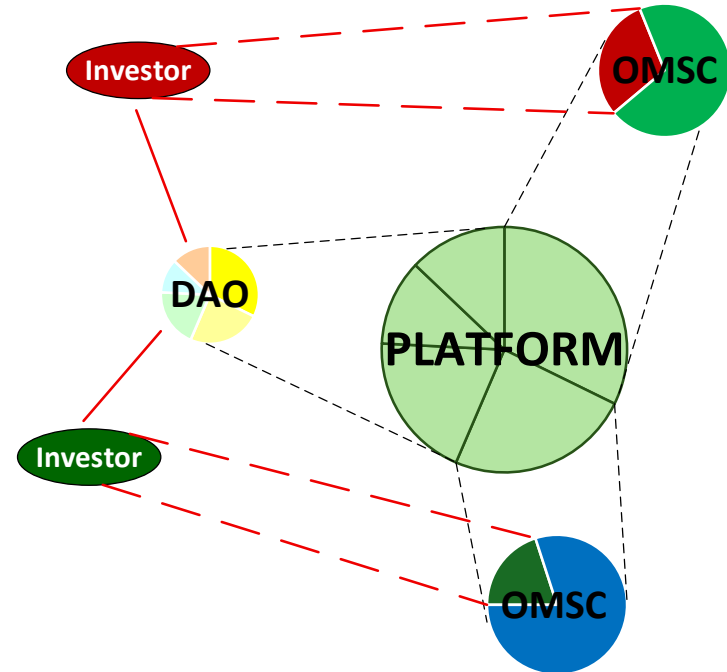
Building ALGEBRA Platform

The Platform serves investors.

Investors can have a dual role:

- investors in the platform itself
- users of the platform.

In the latter case, they invest in various business ventures organized as OMSCs.





ALGEBRA's Global Market Expansion

Start in UAE, expand to Middle East, North Africa, and Asia.

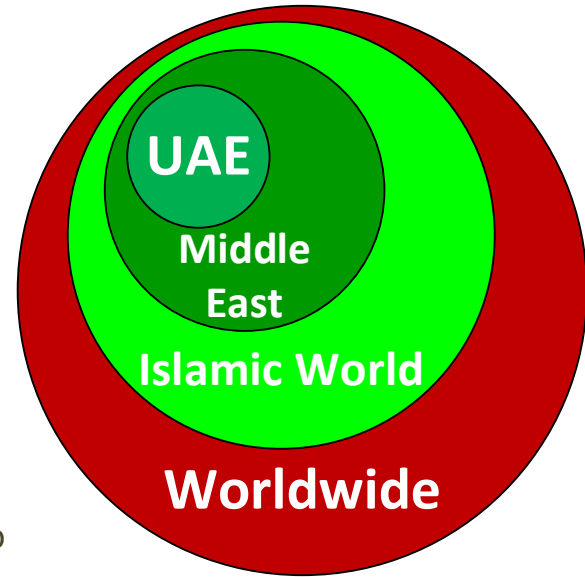
Target global Muslim communities

Support multilingual interfaces and regional compliance.

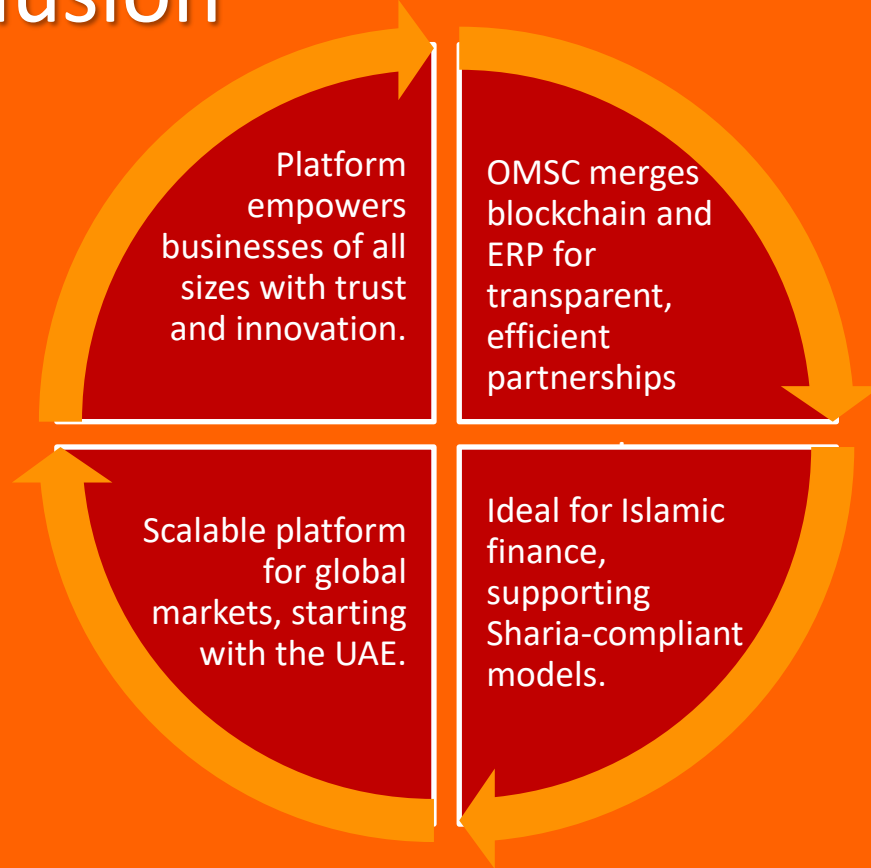
Leverage partnerships with Islamic banks and financial institutions.

ALGEBRA Business Launch and Expansion

- **UAE:** Begin with the UAE as the primary market. Focus on attracting local banks, entrepreneurs, and investors.
- **Middle East:** Expand to countries like Saudi Arabia, Qatar, and Kuwait, leveraging existing trade and financial networks.
- **North Africa:** Target countries like Egypt, Morocco, and Algeria, where there is significant potential for Sharia-compliant finance.
- **Asia:** Focus on countries with large Muslim populations, such as Indonesia, Malaysia, and Pakistan, while adapting the platform to local regulatory and cultural specifics.
- **Expansion to the Rest of the World**



Conclusion





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**Trust comes
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